Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

1st & FINAL BILL Date.....200 Work code No / Job no:

Division : **Yelahanka Projects** Sub division

Bill Received No. .....Date..... Cash Book Voucher No..... dated.....

Scheduled Docted No.

Job No: 005-17-000036

P:Code 3112 (Swacha Bharath)

Name of Work (as per sanctioned estimate) **Drilling of Borewell and providing pump and Motor in Ward No:05**

Est Cost 1,00,00,000-00 (Rs one crore)

Name of Contractor and Full Address: **M/s Kranthi Electrical (Prop of H.V.Ngaraj)**

Reference to WO No: EE(Project) YNK Zone/WO/40/2017-18 dt: 4-8-17

EE(Project)/Ynk Zone/WO/40/2017-18, Dt: 04-08-2017

Certified that the measurement were taken by me on 05/7/17 to 25/8/17 and recorded of pages 81901 ..81911.....of measurement Book No. 15/17-18 And that the work is satisfactorily executed.

Contractor

Officer-In-Charge of work

Certified that the measurements were taken by me on 27/10/2017 And found correct. the work is satisfactorily executed. 30/8/17

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreen upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Executive Engineer
Sub-Division Officer
Project Division
Yelahanka Zone
Bangalore

if Memorandum of Payment	
1) Total value of work done or supplies made as per account within	Total Rs 1,0188260-00
2) Deduct amount to be held in reserve being.....percent Rs.....	
3) Deduct amount to be held in Balance	2% IT - 203752-00
4) Deduct Payments:	
a) Amount of previous payment as in the office Cash Book Voucher No.....Dated .....S.D No.....	
Amount adjusted towards cash advance recovery of	
b) Payments cost store or other materials supplied	
Now made recovery of amount creditable to this/other work	
Amount paid on this bill Cheque/Cash	1% CCS - 101883-00
5) Balance being unpaid value of work done held in reserve	0.1% CBF - 10188-00
6) Deduct cash advance made on the Office Cash Book Voucher No..... dated..... less adjustments	
7) Net amount due to or from contractor	Adj. 315823-00
Unadjusted items	
8) Advance to contractor for materials brought to site (as detailed) with Value of Government materials supplied	Cheque 9872437-00

A.S. Bosplus 28/17

Contractor's Signature

Received Rs.....(in words)

.....

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated..... Signature of Contractor

Stamp

Audited & Admitted for Rs.....

Rs. 1,01,88,260-00 (For use in the Office)

Rs: 9872437-00 by Cheque

and Rs. 315823-00 by Adjustment

Paid by me by cheque No.....dated.....

Cast Rs.....dated.....

Initials of Officer making payment

Accts. Supdt. Project Division B.B.M.P. 30/11

Executive Engineer Ex. Engineer Project Division B.B.M.P. 4/12

Sl. No.	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and the directions of the Engineer In-charge of the work.	No			14.00	2031.00	28434.00	14.00	28434.00	
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) as per Specification and the directions of the Engineer In-charge of the work. 0 to 50 m	Rmtr			700.00	333.00	233100.00	700.00	233100.00	
3	50 to 100 m	Rmtr			700.00	431.00	301700.00	700.00	301700.00	
4	100 to 150m	Rmtr			700.00	480.00	336000.00	700.00	336000.00	
5	150 to 200m	Rmtr			700.00	507.00	354900.00	700.00	354900.00	
6	200 to 250	Rmtr			700.00	587.00	410900.00	700.00	410900.00	
7	251 to 300m	Rmtr			651.00	629.00	409479.00	651.00	409479.00	
8	300 to 325m	Rmtr			150.00	651.00	97650.00	150.00	97650.00	
	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) as per Specification and the directions of the Engineer In-charge of the work.	Rmtr			739.00	1388.00	1025732.00	739.00	1025732.00	
10	Providing 250mm dia PVC Pipe BWSSB	Rmtr			143.00	1115.00	159445.00	143.00	159445.00	
11	Providing 175mm dia ms casing cap	No			12.00	107.00	1284.00	12.00	1284.00	
12	Providing MS Casing pipe collars	No			84.00	161.00	13524.00	84.00	13524.00	

Sl. No.	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date	
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost
13	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings as per Specification and the directions of the Engineer In-charge of the work. 15 HP 30 stages	No			7.00	73988.00	517916.00	7.00	517916.00
14	17.5 HP 30 Stage	No			6.00	77866.00	467196.00	6.00	467196.00
	15 HP 30 stages		PR		1.00	73988.00	73988.00	1.00	73988.00
15	. KSRB13-3.1: Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt) B class 50 mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications and the directions of the Engineer In-charge of the work.	Mtr			4188.00	566.00	2370408.00	4188.00	2370408.00
16	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A P. No. 12/ I No. (2.10.4) 3cx 6.0 Sqm KPWD Electrical as per specifications and the directions of the Engineer In-charge of the work.	Mtr			8432.00	197.00	1661104.00	8432.00	1661104.00
17	Labour charges for erection of new/ repaired submersible pumpset along with gi pipes inculding transportion each length as per specifications and the directions of the Engineer In-charge of the work.	No			698.00	92.00	64216.00	698.00	64216.00
18	Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on fixing the same to the wall using tapered inverted wooden plugs screws etc., as per specifications and the directions of the Engineer In-charge of the work.	Each			12.00	316.00	3792.00	12.00	3792.00
19	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group as per specifications and the directions of the Engineer In-charge of the work.	Mtr			283.00	147.00	41601.00	283.00	41601.00
20	Labour charges for laying of 1.1 K.V class UG cable,	Mtr			371.00	11.00	4081.00	371.00	4081.00

Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete as per specifications and the directions of the Engineer In-charge of the work.	Mtr			335.00	122.00	40870.00	335.00	40870.00	
Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class as per specifications and the directions of the Engineer In-charge of the work.	Mtr			36.00	361.00	12996.00	36.00	12996.00	
Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,as per specifications and the directions of the Engineer In-charge of the work.	No			12.00	293.00	3516.00	12.00	3516.00	
Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia as per specifications and the directions of the Engineer In-charge of the work.,	No			12.00	2857.00	34284.00	12.00	34284.00	
Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... as per specifications and the directions of the Engineer In-charge of the work.,	Each			36.00	377.00	13572.00	36.00	13572.00	
Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete.... as per specifications and the directions of the Engineer In-charge of the work.,	Each			72.00	90.00	6480.00	72.00	6480.00	
Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications	Each			12.00	1621.00	19452.00	12.00	19452.00	
Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 as per specifications and the directions of the Engineer In-charge of the work.	Sqcm			451800.00	0.37	167166.00	451800.00	167166.00	

Sl. No.	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date	
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost
29	KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and the directions of the Engineer In-charge of the work	Nos			12.00	1661.00	19932.00	12.00	19932.00
30	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete as per specifications and the directions of the Engineer In-charge of the work.	Nos			28.00	238.00	6664.00	28.00	6664.00
31	Gate value 50 mm nominal bore gun metal	Nos			42.00	1729.00	72618.00	42.00	72618.00
32	NIPPLE 50 mm nominal bore gun metal	Nos			12.00	109.00	1308.00	12.00	1308.00
33	S BEND 50 mm nominal bore gun metal	Nos			42.00	229.00	9618.00	42.00	9618.00
34	TEE 50 mm nominal bore gun metal	Nos			12.00 14.00	177.00	2124.00 2478.00	12.00 14.00	2124.00 2478.00
35	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitablepumpset. PRED Bangalore Circle SE Approved Date 30.07.2010 15HP to 30 HP Star Delta Starter as per specifications and the directions of the Engineer In-charge of the work	Nos			12.00	10480.00	125760.00	12.00	125760.00
36	Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in ordinary soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications and the directions of the Engineer In-charge of the work.	Cum			1575.00	174.00	274050.00	1575.00	274050.00
37	Providing and installing at site of work pvc pipes including cost of pipes and special and labour including lowering into trenches laying true to line level and prefect linking at joints, leak proof including jointing of approved type with all labour and lift charges handling charges including encasing the pipes all round to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete PVC pipe of 6kg/cm2 75 mm (0.662) as per specifications and the directions of the Engineer In-charge of the work.	Cum			3500.00	138.50	484750.00	3500.00	484750.00

Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications and the directions of the Engineer In-charge of the work.	Cum			1575.00	102.00	160650.00	1575.00	160650.00	
BESCOM Deposit against receipt	Job			12.00	13000.00	156000.00	12.00	156000.00	
TOTAL						**10188260.00**		**10188260.00**	

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1,01,88614-4

1,01,88614-4

Certificate:

Certified that amount is not claimed previously.

Certified that the Contractor has carried out the work accordingly to specification and is satisfactorly.

Certified that there are no departmental issues to the Agency.

Certified that the Contractor has been removed the debries from the works spot.

J.Nanjaan JR/26/8/17

Asst. Executive Engineer
Project Division 27/10/2017
Yelahanka Zone
Bangalore

354- +